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APPLE COMPUTER PROGRAM
TRANSMITS/RECEIVES MORSE CODE

Saratoga, CA....The COTEC company has announced the availability of CODE MACHINE, an APPLE II computer program which both transmits and receives Morse code. An easy interface with amateur radio equipment allows the APPLE II to function as a Morse code terminal unit.

Written in machine language for the APPLE II or APPLE II plus using DOS 3.3, CODE MACHINE features a tunable audio filter (performed by the software) which improves the noise rejection over the simple slower BASIC "on/off" programs. The filter center frequency is keyboard tunable from 600 to 1300 Hz. A novel tuning indicator at the top of the screen assists the operator in matching the program center frequency to the input signal frequency. The receiving speed of the program automatically adjusts to the sender's speed from 6 to 60 wpm. The buffer displays the last 8 lines (320 characters) of received text.

CODE MACHINE also converts the received Morse code to ASCII and provides two convenient methods of interfacing with a variety of printers.

During transmit, the APPLE II keyboard is used to send. The operator types ahead of the sending speed and the characters are temporarily stored in the transmitting buffer which holds up to 320 characters. As each character is sent, it is changed to inverse video on the display. As each line is completed, the display scrolls up. Simple back space editing is done with the left arrow key. The actual transmitting speed of the code is variable in 5 wpm increments from 15 to 60 wpm. A sidetone monitor may be switched on to hear the code as it is being sent.

CODE MACHINE comes double sided on a 5.25 inch diskette with full instructions for installation and use. Installation requires the user to provide two patch cords between the Morse code transceiver and the cassette ports of the APPLE II. Game port interface is also available for D.C. transmitter keying.

CODE MACHINE is available for \$29.95 including postage and handling. California residents add 6.5% sales tax. Please, no C.O.D. orders.

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